



US009636130B2

(12) **United States Patent**
Cesarini et al.

(10) **Patent No.:** **US 9,636,130 B2**

(45) **Date of Patent:** ***May 2, 2017**

(54) **RECIPROCATING ROTARY
ARTHROSCOPIC SURGICAL INSTRUMENT**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 261 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **14/161,234**

(22) Filed: **Jan. 22, 2014**

(65) **Prior Publication Data**

US 2014/0135807 A1 May 15, 2014

Related U.S. Application Data

(63) Continuation of application No. 13/051,257, filed on Mar. 18, 2011, now Pat. No. 8,663,264, which is a (Continued)

(51) **Int. Cl.**
A61B 17/32 (2006.01)
A61B 10/00 (2006.01)
(Continued)

(52) **U.S. Cl.**
CPC **A61B 17/32002** (2013.01); **A61B 18/148** (2013.01); **A61B 2017/2913** (2013.01);
(Continued)

(58) **Field of Classification Search**

CPC .. A61B 17/32002; A61B 2017/320028; A61B 18/148; A61B 2017/2913; A61B 2217/005

See application file for complete search history.

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(57) **ABSTRACT**

A surgical instrument includes a cutting member with an implement for cutting tissue, and a drive coupled to the cutting member to simultaneously rotate and translate the cutting member in response to a force applied to the drive. A method of cutting tissue includes positioning an outer member such that tissue is located within the outer member, engaging the tissue with an inner member, and simultaneously rotating and translating the inner member to cut the tissue. A tangential cutting force is applied to the tissue with the inner member to mechanically cut the tissue. The inner member is mechanically driven to undergo simultaneous rotation and translation.

8 Claims, 14 Drawing Sheets

